

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003843.D
 Acq On : 11 Jul 2018 00:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/11/2018 12:58:43 PM

Quant Time: Jul 11 05:54:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132073	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.88	113	111760	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.32	98	439469	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	160089	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44169m	44.67	ug/l	
3) Chloromethane	2.21	50	83090	44.27	ug/l	97
4) Vinyl Chloride	2.36	62	120715	48.76	ug/l	99
5) Bromomethane	2.77	94	69542	39.79	ug/l	98
6) Chloroethane	2.92	64	62264	41.94	ug/l	96
7) Trichlorofluoromethane	3.25	101	49793	49.79	ug/l	99
8) Diethyl Ether	3.67	74	52730	51.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	102326	52.61	ug/l	99
10) Methyl Iodide	4.26	142	153636	53.07	ug/l	99
11) Tert butyl alcohol	5.18	59	44445	308.48	ug/l	96
12) 1,1-Dichloroethene	4.03	96	101518	53.16	ug/l	99
13) Acrolein	3.89	56	59889	346.98	ug/l	96
14) Allyl chloride	4.66	41	176011	53.01	ug/l	99
15) Acrylonitrile	5.37	53	148329	288.98	ug/l	100
16) Acetone	4.12	43	130669	283.29	ug/l	98
17) Carbon Disulfide	4.37	76	311071	49.68	ug/l	99
18) Methyl Acetate	4.67	43	77455	59.56	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	215935	54.72	ug/l	98
20) Methylene Chloride	4.90	84	115778	51.65	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114147	50.49	ug/l	98
22) Diisopropyl ether	6.31	45	393245	53.87	ug/l	98
23) Vinyl Acetate	6.26	43	1210522	271.66	ug/l	100
24) 1,1-Dichloroethane	6.21	63	220183	49.87	ug/l	99
25) 2-Butanone	7.18	43	204094	282.50	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114766	47.93	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	126339	50.53	ug/l	99
28) Bromochloromethane	7.51	49	96827	49.23	ug/l	99
29) Tetrahydrofuran	7.53	42	136930	294.84	ug/l	99
30) Chloroform	7.68	83	226839	50.37	ug/l	98
31) Cyclohexane	7.95	56	187949	48.45	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	172995	50.47	ug/l	99
36) 1,1-Dichloropropene	8.08	75	175465	51.92	ug/l	99
37) Ethyl Acetate	7.26	43	92526	56.27	ug/l	100
38) Carbon Tetrachloride	8.07	117	163440	50.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197896	53.46	ug/l	99
40) Benzene	8.32	78	502187	51.98	ug/l	98
41) Methacrylonitrile	7.49	41	50402	53.28	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164522	52.61	ug/l	99
43) Isopropyl Acetate	8.43	43	173321	55.61	ug/l	98
44) Trichloroethene	9.09	130	124376	51.06	ug/l	98
45) 1,2-Dichloropropane	9.37	63	131432	52.32	ug/l	98
46) Dibromomethane	9.46	93	69676	52.75	ug/l	99
47) Bromodichloromethane	9.65	83	171508	52.78	ug/l	99
48) Methyl methacrylate	9.44	41	86470	58.26	ug/l	99
49) 1,4-Dioxane	9.45	88	24459	1238.88	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	482151	298.95	ug/l	100
52) Toluene	10.39	92	319268	53.29	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	175156	53.98	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193866	52.93	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98049	53.44	ug/l	96
56) Ethyl methacrylate	10.65	69	131246	58.62	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171948	53.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	303695	257.23	ug/l	99
59) 2-Hexanone	10.98	43	343265	309.95	ug/l	99
60) Dibromochloromethane	11.13	129	116581	54.44	ug/l	100
61) 1,2-Dibromoethane	11.24	107	94598	53.92	ug/l	99
64) Tetrachloroethene	10.87	164	116898	51.47	ug/l	96
65) Chlorobenzene	11.66	112	348389	51.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	122683	51.87	ug/l	99
67) Ethyl Benzene	11.74	91	628046	54.27	ug/l	100
68) m/p-Xylenes	11.84	106	479255	108.14	ug/l	100
69) o-Xylene	12.17	106	223213	54.59	ug/l	100
70) Styrene	12.18	104	389341	55.99	ug/l	99
71) Bromoform	12.35	173	72163	55.29	ug/l #	99
73) Isopropylbenzene	12.47	105	615749	54.62	ug/l	99
74) N-amyl acetate	12.28	43	174107	56.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124517	54.48	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81720m	49.99	ug/l	
77) Bromobenzene	12.75	156	147504	52.70	ug/l	99
78) n-propylbenzene	12.81	91	770956	54.48	ug/l	100
79) 2-Chlorotoluene	12.90	91	434385	53.43	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	529208	54.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	36827	55.11	ug/l	99
82) 4-Chlorotoluene	12.99	91	463172	52.98	ug/l	100
83) tert-Butylbenzene	13.21	119	444452	55.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	549890	54.48	ug/l	99
85) sec-Butylbenzene	13.39	105	655286	54.66	ug/l	100
86) p-Isopropyltoluene	13.51	119	571757	54.58	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	294128	51.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	295041	51.74	ug/l	100
89) n-Butylbenzene	13.83	91	564045	54.74	ug/l	99
90) Hexachloroethane	14.10	117	103987	51.54	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	268410	52.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21592	54.58	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182368	52.79	ug/l	99
94) Hexachlorobutadiene	15.24	225	101084	51.16	ug/l	99
95) Naphthalene	15.38	128	364039	58.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165137	53.39	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

